

REMARKS

Claims 1-60 are in the application. The Examiner has required restriction to one of the following species of invention:

Sensor Type

| | |
|-------------|------------------------|
| Species I | Figs. 1-9 and 12-17; |
| Species II | Figs. 4, 10 and 12-17; |
| Species III | Figs. 4, 11 and 12-17. |

Applicant elects Species I.

The Examiner has stated that claims 1, 16-18, 20-21, 26, 30-34, 37-38, 41-44, and 55 are generic.

It is respectfully submitted that, in addition to the above listed generic claims, the following claims are readable on Species I: 2-4, 6-8, 13, 19, 22-24, 27, 29, 35, 36, 39, 40, 45, 46, 51, 52, 56, 58, and 59.

Applicant believes that in addition to the claims cited by the Examiner, the following claims are also generic: 2, 4-6, 9-12, 27-29, 39, 47-50, and 57. It is respectfully requested that an acknowledgement that the aforementioned claims are also generic be included in the next office action.

To summarize, Applicant elects Species 1, and requests that the following claims be prosecuted in the application:

1-13; 16-24; 26-52; and 55-59.

Applicant further requests that claims 14, 15, 25, 53, 54 and 60 be withdrawn from consideration without prejudice to their

reinstatement upon allowance of a generic claim or, otherwise, their inclusion in a divisional application.

Claim 11 has been amended to correct a typographical error resulting in omission of a space.

Claims 19, 55 and 56 have been amended to provide missing antecedents.

Respectfully submitted,



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